

ABSTRACT OF THE DISCLOSURE

When the brightness of a subject detected by a detecting device 4 is higher than a predetermined value, for example 700 [cd / m²], a switching judgment circuit 5 judges that an area sensor (solid-state image-sensing device) 3 should perform 5 logarithmic conversion. In response to this judgment by the switching judgment circuit 5, a switching signal generating circuit 6 outputs a switching signal to instruct the area sensor 3 to perform logarithmic conversion. When the brightness of the subject detected by the detecting device 4 is lower than the predetermined value, for example 700 [cd / m²], a switching judgment circuit 5 judges that the area 10 sensor 3 should perform linear conversion. In response to this judgment by the switching judgment circuit 5, the switching signal generating circuit 6 outputs a switching signal to instruct the area sensor 3 to perform linear conversion.